(P)	Illinois Department of Transportation
	Division of Highways

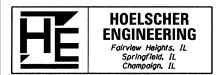
SOIL BORING LOG

Page <u>3</u> of <u>4</u>

Division of Highways Geotechnology, Inc				Date	11/2/00
			Trilevel Interchange L		
SECTION 82-1	LOCA	TION East S	St. Louis, IL, SEC. 7, TWP, 2N, RNG, 9W		
COUNTY St. Clair DI	RILLING METHO	O Hollow Ster	m Auger and Mud Rotary HAMMER TYPE	Automati	c Hammer
STRUCT. NO. 082-0378 Station NA BORING NO. B- 18 Station 16+43.34 Offset 57.65ff Right Ground Surface Elev 420.00	D B E L P O T W H S	U M C O S I S Qu T	Surface Water Elev. Unknown ft Stream Bed Elev. Unknown ft Groundwater Elev.: First Encounter ** ft Upon Completion ** ft After ** Hrs. ** ft	D B L P O T W H S (ff) (/6")	U M C O S I S Qu T (tsf) (%)
Medium dense to very dense, gray, FINE GRAINED SAND (continued)			Medium dense, brown, FINE GRAINED SAND with rounded quartz and lenses of light gray weathered limestone (109-114)	8 14	
	33 _85 35			-105 18	
Medium dense, gray, MEDIUM GRAINED SAND with rounded quartz	330.00 90				
	14		GRAVEL, BOULDERS (glacial outwash)	41	ė.
	-95 15 			-115 93	

The Unconfined Compressive Strength (UCS) Fallure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
* Rimac not measured due to sample disturbance

** Not measured due to drilling methods used



FILE NAME =	USER NAME = default	DESIGNED	-	CMW	REVISED -
t:\SN 082-W301 Final Plans 100909.dgn		DRAWN	-	TJW	REVISED -
	PLOT SCALE = 66:8 ':" / IN.	CHECKED	-	JSA	REVISED -
	PLOT DATE = 10/5/2009	DATE	-	OCT 9, 2009	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

<u>BORINGS</u>
STRUCTURE NO. 082-W301

Illinois Dep of Transpo Division of Highways Gaotechnology, Inc			rtation			OIL BORING LO		Date	
						Trilevel Interchange			
						t. Louis, IL, SEC. 7, TWP. 2N, RNG			
OUNTY	St. Clair DE	ULLING	METHO	Hollo	w Sten	n Auger and Mud Rotary HAMMER	₹ TYPE	Automatic	Hamm
STRUCT. NO.	082-0378 NA		D B	C II	M	Surface Water Elev. Unknown Stream Bed Elev. Unknown	ft ft		
			P O	S	i S	Groundwater Elev.:			
Station	B- 18 16+43.34		н ѕ	Qu	Т	First Encounter **	_ ft _ ft		
Offset	57.65ft Right ce Elev. 420.00	ft	(ft) (/6")	(tsf)	(%)	After_** Hrs. **	ft.		
CRYSTALLINE	LIMESTONE -	299,50	-					,	
See Rock Core									
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		-	-136						
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		+	7	.		*			
		-							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

* Rimac not measured due to sample disturbance
** Not measured due to drilling methods used

SCALE: N.T.S.

BORINGS - RETAINING WALL 082-W301 SHEET NO. 9 OF 9 SHEETS STA. 62+00.00 TO STA. 64+00.00